

## GROUND-WATER LEVELS

77

## ARLINGTON COUNTY

385346077073701. Local number, 53V 1.

**LOCATION.**--Lat 38°53'46", long 77°07'36", NAD83, Hydrologic Unit 02070010, at Langston School, 4854 Lee Highway in Arlington.  
Owner: Arlington County School Board.

**AQUIFER.**--Brandywine Formation of Pleistocene age and Bryn Mawr (?) Gravel of Pliocene (?) age, overlying the Sykesville Formation of Precambrian age.

**WELL CHARACTERISTICS.**--Dug unused water well, diameter 24 in., depth 35 ft, terracotta casing.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by USGS personnel. Oct. 1, 1989 to Oct. 26, 1995, monthly measurement with chalked tape. Prior to Oct. 1, 1989, occasional measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 410 ft above sea level, from topographic map. Measuring point: Inner flange of manhole, at land-surface datum.

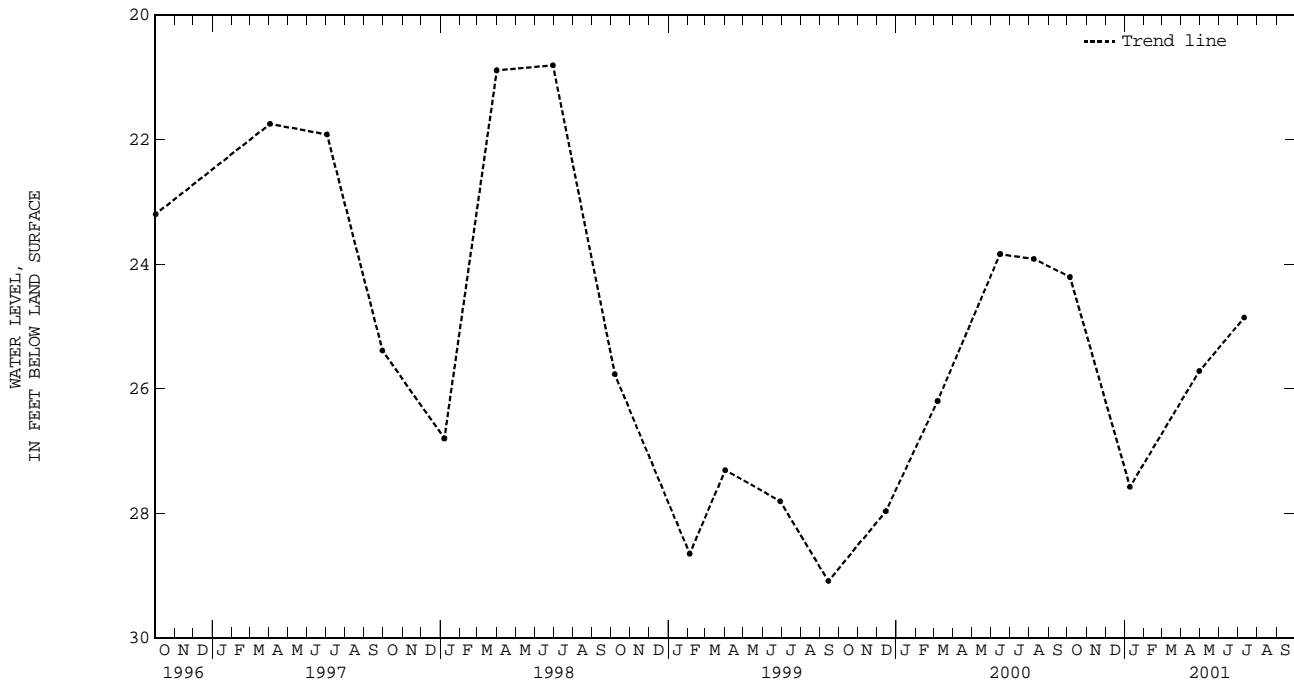
**REMARKS.**--Water levels affected by water running into well from broken water main October 1992 to August 1993.

**PERIOD OF RECORD.**--October 1931 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 14.19 ft (result of broken water main) below land-surface datum, June 28, 1993; lowest measured, 34.81 ft below land-surface datum, Dec. 5, 1931.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	24.21	JAN 09	27.58	APR 30	25.72	JUL 11	24.86
WATER YEAR 2001		HIGHEST	24.21	OCT 05, 2000	LOWEST	27.58	JAN 09, 2001



## GROUND-WATER LEVELS

## ARLINGTON COUNTY

385253077042301. Local number, 54V 3.

**LOCATION.**--Lat 38°52'53", long 77°04'22", NAD83, Hydrologic Unit 02070010, at Arlington National Cemetery in Arlington. Owner: National Park Service, National Capitol Parks.

**AQUIFER.**--Terrace gravels of Holocene age and sand of Early Cretaceous age.

**WELL CHARACTERISTICS.**--Dug unused water well, diameter 48 in., depth 50 ft.

**INSTRUMENTATION.**--Occasional measurement with chalked tape by USGS personnel. Oct. 1, 1989 to Oct. 26, 1995, monthly measurement with chalked tape. Prior to Oct. 1, 1989, bimonthly measurement with chalked tape.

**DATUM.**--Elevation of land-surface datum is 205 ft above sea level, from topographic map. Measuring point: Top of brick and stone casing, 3.0 ft above land-surface datum.

**PERIOD OF RECORD.**--January 1958 to current year.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level measured, 40.34 ft below land-surface datum, June 26, 1978; lowest measured, 45.28 ft below land-surface datum, Nov. 28, 1988.

## WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05	42.04	JAN 09	42.80	APR 30	41.87	JUL 11	41.70
WATER YEAR 2001		HIGHEST	41.70	JUL 11, 2001	LOWEST	42.80	JAN 09, 2001

